

Performance of Forsterite Refractories in Bottoms
of Forge Reheating Furnaces, by V. I. Sinyanskiy,
et al.

RUSSIAN, per, Ogneupory, Vol XXII, No 12, 1957,
pp 568-571.

Henry Bratcher 4266

#5.80

Sci - Engr
Oct 58

74,942

Introduction to Rocket Technology, by
V. I. Neodosyev, G. B. Sinyarev, 135 pp.

RUSSIAN, bk, Vvedeniye v Raketnuyu
Tekhniku, 1960, pp 44-48, 58-84;
167-176, 211-236; 460-486. 9663479

FTD MCL-901/1

Sci - Space/Res

171, 824

24 Oct 61

Liquid-Fuel Rocket Engines Theory and Designing,
by G. B. Sinyaryev, M. V. Dobrovol'skiy, 790 pp.

RUSSIAN, bk, Zhidkostnye Raketye Dvigateli
Teoriya i Proyektirovaniya, 1957, 2nd Edt,
580 pp.

ATIC F-TS-9741/V

CIA 654465

119,378

Sci-Engr

Jun 60

Liquid Rocket Propellants, by G. B. Sinyavrov, *et al*,
36 pp.

RUSSIAN, bk, Zhidkostnyye Raketnyye Dvigateli,
Teoriya i Proektirovaniye, 1957, pp 158-215.
Encl to IR-1812-58

AF 1187246

Sci - Fuels
Feb 59

81,346

Introduction to Rocket Engineering, by V. I.
Feodos'yev, G. B. Sinyarev, 378 pp.

RUSSIAN, monograph, Vvedeniye v Raketnuyu Tekhniku,
1956.

SLA 59-16775

Sci
Jan 60
Vol 2, No 5

104,810

Nuclear Reaction Energy and Its Use in Rocket
Engines, by V. I. Feodosyev, G. E. Sinyarev,
7 pp. UNCLASSIFIED

RUSSIAN, bk, Vvedeniye v Rakety i Tekhnika,
1956, Chap IV, pp 132-139, Encl to IR-1524-56,
AFGIE-1A1.

AF 1169079

Sci - Nuclear Phys
Aug 58

(possibly #A11C 1-15-77451/2)
70, 720

Introduction to Rocket Technique, by V. I.
Feodos'yev, G. N. Singarev, 93 pp- AF 1144075

RUSSIAN, bk, Vvedeniye v Raketnuyu Tekhniku, Moscow,
1956, pp 100-173.

AFSC F-28-9440/V

Sci - Space Res
Apr 59

85,000

Thermodynamic Analysis and Thermal Com-
putation of a High-Speed Cylindrical,
Liquid-Rocket Combustion Chamber, by
by G. B. Sinyarev, 20 pp.

RUSSIAN, bk, Sb Nektorye Voprosy Mekhaniki
Oborongiz, Moscow, ~~XXXXXXXXXXXX~~ 1962,
pp 107-126.

~~XXXXX~~

CIA/PDD X-5135

Sci - Earth Sci & Astron
May 63

229,115

Thermodynamic Analysis and Heat Calculation of
a High-Velocity Cylindrical LRE Combustion Chamber
by G. B. Sinyarev, 28 pp.

RUSSIAN, bk, Nekotoryye Voprosy Mekhaniki, Moscow
1962, pp 107-126. 9688773

FTD-TT-63-571

Sci-Phys
Nov 63

242, 299

Propellants for Liquid Rocket Engines, by
G. B. Sinyarev, V. M. Dobrovol'skiy, 60 pp,
(AF 717594).

RUSSIAN, bk, Topliva Zhidkostnyye Raketnyye
Dvigately, 1955, pp 129-173. CTA 600697

ATIC F-TS-10101/V

Sci - Aeronautics
May 57

AEC-3143
48,104
TSL/OT 3103

Sinyavskiy Defies the Judges: "I Only Said
'Thou Shalt Not Kill'" [text of Sinyavskiy's own
defense at his trial], by A. Sinyavskiy.
ITALIAN, np, Il Giorno, 24 Feb 66.

J-1374/66

Pol
Mar 66

A Pulse Height Analyzer With an Electron Beam
Tube, by V. G. Khartman, I. N. Leont'eva, A. P.
Sin'zavskii, L. V. Vasil'ev, 9 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz,
Vol XXVIII, Jun 1955, pp 699-705. CIA C 40837

American Inst of Physics
57 East 55 St.
New York 22, N. Y.

Scientific - Physics

31,419

Storage of Agricultural Machines, by I. Sinyavskiy,
5 pp
RUSSIAN, per, Tekhnika v Sel'skoe Khozyaystvo,
No 11, 1964, pp 44-47.
JPRS 29311

USCIB
Sci-Agr1
Apr 65

277,375

Physical Training of Paratroop Soldiers, by
N. Sinyavskiy, 5 pp.

RUSSIAN, mp, Krasnaya Zvezda, No 24, 29 Jan 1955.

Eurasian Branch
TM-288

USSR
Military

one copy only
Ext 72670

24,678

Corrosion Fatigue Testing of Metals With an
Electromagnetic Machine of the Self-
Oscillation Type, by A. A. Lapin, U. S.
Sinyavskiy, S. G. Vedenkin, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 4, 1959,
pp 461-463.

Instru Soc of Amer

Sci

Jun 60

118,024

Realism in Fantasy, by A. Sinyavsky, 3 p.

RUSSIAN; ^{NP} ~~900~~, Literaturnaya Gazeta, Jan 5, 1960

International Arts & Sci Press
Soviet Highlights
Vol II, No 2

Mar 60

110,599

Results of Experiments in Organizing the Stepwise
Scheduled Routes on the RR Line Korosten - Odessa,
by Dul'ghev, Furman, Baranov, Sin'yov, 10 pp.

RUSSIAN, bk, publ by Ukrainian Academy of Sciences,
Kiev, 1936. CIA V 6930

Rand Corp
T-62

37,692

USSR

Econ - Construction, *TRANSPORTATION, Rail*
Aug 1936

NCH-202 507

Field 7D

Sinytsina, Z. A.
THE INHIBITING EFFECT AND THE STRUCTURE OF
INHIBITORS. 2. THE INHIBITED POLYMERIZATION
OF METHYLACRYLATE. 1965, 16p. TC-1221.
Order from TC: \$15.00 as TC-1221

Trans. of Zhurnal Fizicheskoe Khimii (USSR) v32 n12
p2663-73 1958.

- I. Trans-Chem
Knoxville, Tenn.
- II. Title: Inhibited. . .

Programming of Application of Dynamic Forces
Produced by a Crank-Operated Device, by M. E.
Garf, I. I. Sinyuk, 33 pp.

RUSSIAN, per, Zavod Lab, No 3, 1959, pp 346-348.

Instru Soc of Amer

Sci

Apr 60

114,659

Transmission of Rythmical Changes in Rate of Movement of Protoplasm under the Influence of a Traveling Excitation Wave, by A. M. Sinyukhin, L. G. Nazarova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1, 1959, pp 198-201

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,704

Transmission of Rhythmical Changes in Rate of Movement
of Protoplasm Under the Influence of a Traveling
Excitation Wave, by A. M. Sinyukhin, L. G. Nazarova,
4 pp.

RUSSIAN, per, Dokl Ak. Nauk, SSSR, Vol CXXIX, No 1, 1959,
pp 198-201.

Amer Inst of Biol Sci

Sci -
Jul 60

121,071

plasma in Nitella Cells Excited by Potassium Ions,
by A. M. Sinyukhin, V. A. Zubarev, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2,
1959, pp ~~545-556~~ 439-

AIBS

Sci
Jul 60

121,074

Electrophysiological Characteristics of
Irritability of Plants. Report 2. Characteristic
of Responsive Reactions of Plants to Electrical
Irritations, by I. I. Gumar, A. M. Sinyukhin,
L. Ya. Salna, L. A. Tsareva.

RUSSIAN, per, Iz Timiryazevskaya Sel'skokhoz Ak,
Vol XXXIX, No 2, 1961, pp 7-12. 9096807

9
USDA Tr A-1312

Sci - Biol

184, 449

Feb 62

Rhythmic Changes in the Rate of Movement of Protoplasm
in Nitella Cells Excited by Potassium Ions, by A. M.
Sinyukhin, V. A. Zubarev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2,
1959, pp 439-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,706

The Role of Redox Potential Changes in Plant
Regeneration Processes, ^{by} A. M. Sinyukhin, 9 pp.

RUSSIAN, per, Biofiz, Vol III, No 3, 1958,
pp 295-305.

Pergamon Inst

Sci-Med

Mar 59

82,506

Physiological Peculiarities of Callus Formation by
Secondary Meristems, by A. M. Sinyukhin, 9 pp.

RUSSIAN, per, Fiz Rasteniy, Vol V, No 6, 1958,
pp 481-487.

Amer Inst of Biol Sci

Sci - Biol
Jul 59

91,550

The Nature of Physiological Processes in
Tomato Callus Tissues during Formation of
Secondary Meristem, By A. M. Sinyukhin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 3, 1957, pp 511-514.

Am J Inst of Biol Sci
~~Consultants Bureau~~

Sci - Biol

71, 880

Aug 58

Women's and Adolescents' Labor at Communications
Organizations, by V. Ye. Sinyukhin, 5 pp.

RUSSIANF per, Vestnik Svyazi, No 4, 1964.

JPRS 25059

Sci
Jun 64

261,318

Decisions of Higher Judicial Bodies on Cases
Pertaining to Improper Dismissal From Work, by
V. Ye. Sinyukhin, 9 pp.

RUSSIAN, per, Vestnik Svyazi, No 11, 1962.

JPRS 18058

Sci

Apr 63

229,084

Optical Monocrystals of Strontium and Barium Fluorides,
by I. V. Stepanov, I. A. Sinyukova, E. G. Chernevakaya,
6 pp.

RUSSIAN, per, Optika i Spektroskopiya, Vol IV,
No 2, 1958, pp 272-274.

UBASIA Tr-1138

Sci - Chem
Apr 61

144, 926

Synthesis of Especially Pure Calcium and Barium
Fluorides for Growing Optical Monocrystals, by
I. A. Sinyukova, I. V. Stepanov, 3 pp.

RUSSIAN, bk, Rost Kristallov, Vol II, 1959,
pp 115-119, CIA/DO, 921.56 1956P.

Sci -

Chem

Consultants Bureau

Apr 60

114,221

A Comparative Study of the Microflora in Acute
and Chronic Pneumonia in Infants, by M. N.
Sinyushina, K. P. Gorbunova, L. A. Isayeva,
A. K. Svetlova, G. S. Staroverova, S. I. Elkina,
4 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i
Immunobiol, Vol XXX, No 9, 1959, pp 67-70.

PP

Sci

127,568

Sep 60

Organization of Maintenance Day in Unit, by
A. Sinyukov, 5 pp.

RUSSIAN, per, Voenyy Vest, No 14, 1949, pp 11-13.

CIA/PDD/X-1681

24,796

USER
Military -

An Invariant Transformation of Pseudonormed
Spaces with Common Geodesics, by N. S.
Sinyukov, 3 pp.

RUSSIAN, per Dok Ak Nauk SSR, Vol CXXXVII,
No 1-6, 1961, pp 1312-1314.

Amer Math Soc
Sov Math
Vol II, No 2

Sci

172,493

Nov 61

About the Influence of Volcanic Eruptions on the
Chemistry of Ocean Water, by V. V. Siniukov, 10 pp.
RUSSIAN, per, Okeanologiya, Vol 4, No 4, 1964,
pp 644-650.

Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
A-34-Dec 1969-No 48
On Loan

V. V. Siniukov

Sci/ Mar Sci
Mar 70

404,775

Law of Supply and Demand, by V. Sinyutin,
I. Lakhman, 10 pp.
RUSSIAN, ~~per~~, Ekonomicheskaya Gazeta, No 40,
3 Oct 1964, pp 3-4. ✓
JPRS 27,365

USSR
Econ
Jan 65

271,683

Law of Supply and Demand, by V. Sinyutin,
I. Likhman, 10 pp.
RUSSIAN, ~~pp~~, Ekonomicheskaya Gazeta, No 40,
3 Oct 1964, pp 3-4.
JPRS 27,365

USSR
Econ
Jan 65

271,683

(SF-1681)

Consumption Norms for Manufacturing Goods,
by V. Sinyutin, 4 pp.

RUSSIAN, 8 pp, Ekonomicheskaya Gazeta,
Oct 1961, p 17.

JPRS 12602

USSR
Econ
Mar 62

183, 657

Occurrences of the Foraminifer Genus *Rubecularia* in
the Sarmatian Sands of Kishinev, by F. Karrer, J.
Sinzow.

CHRON., par, Sitzber Math-Naturw Kl. Kaiser Akad
Wiss., Vol LXXIV, Abt I, No 1-5, 1876, pp 272-284.

Wien,

ATS 92-FJ

G

Sci
May 59

87, 222

Study of the Separation of Fission Products Preparation
of Radioactive Cesium Without Entraining Agent, by
T. Siohawa, M. Yagi, 5 pp.

JAPANESE, per, Japan Analyst, 1956, 5, 4, pp 220, 221.

FDD/X-3949

Sci
Dec 59

Etude sur la Separation des Produits, De Fission.
Preparation de Cesium Radioactif Exempt.
D'Entraîneur. (Study on the Separation of Fission
Products. Preparation of Radioactive Carrier-Free
Cesium), by T. Siohawa, M. Yagi, 8 pp.

~~RECEIVED~~

FRENCH from JAPANESE, per, ~~Bunseki~~ Bunseki Kagaku,
Vol V, 1956, pp 220-1.

Reverse Translation

AEC/CEA-Tr-X67

AEC-Tr-3947

A Method of Investigation Mechanical Damping
Over a Wide Temperature Range, by H. Siel, R.
Mandier.

GERMAN, per, Archiv Eisenhüttenwesen, Jul 1960,
pp 423-426.

BISI 1907

Sci - Engr

134,172

Dec 60

A General Apparatus for Determining the Damping
Capacity of Metals: Application to Aluminium,
by H. J. Soeman, M. Siol. UNCL

FRENCH, per, Rev Met, Vol LII, No 11, 1955,
pp 862-868.

British Iron and Steel Ind
(no number given)

Sci - Engr
Sep 59

98,388

About Nature and Man in the Brazilian Amazon
Region, by Harald Sielo.

GERMAN, per, Archiv fur Wissenschaftliche
Geographie, Vol X, No 2, 1956, pp 90-109.

Dept of Inter

S#530)

qlr28

Sielo, Harald

Sci - ES

May 66

300,607

A High Voltage Generator of High Stability, by
E. Gartner, D. Sion, 18 pp.

FRENCH, per, L'Onde Electrique, No 374, May 1958,
pp 1-7. 9678602

Navy Tr 3242/NRL 903

Sci - Electron

Nov 62

217, 525

V
Study of the Over-All Bath Voltage in the
Electrolytic Production of Manganese From Aqueous
Solutions, by N. P. Diev, G. Ya. Sioridze, A. V.
Serebryakova, R. A. Mindodashvili, 5 pp.

Full translation.

RUSSIAN, no per, Zhur Prikl Khim, vol XXVII, No 8,
1954, pp 860-864. CIA C 41304

Consultants Bureau

Scientific - Chemistry
Mar 56 CTS/dex

32,256

Sulfatization of Manganese Dioxide by Ferrous
Sulfate and Pyrite, by N. P. Diev, M. I. Kochnev,
V. V. Paduchev, and G. Ya. Sioridze, 2 pp.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVII, No 4,
Apr 1954, pp 356-359. CIA C 38934

Consultants Bureau

Scientific - Chemistry

CTS 73/Oct 55

27003

~~CONFIDENTIAL~~

EQUIPMENT FOR MULTI-LEVEL SEPARATION OF LOOSE
MATERIALS, BY ZDENEK URBANEK, FRANTISEK
SIOSTRZONEK, 8 PP. GOVERNMENT USE ONLY

CZECH, PER, HUTNICKE LISTY, VOL XVII, NO 10,
OCT 1962, PP 727-729.

JPRS 17058

EEUR - CZECH
ECON
SCI - ENGR
JAN 63

219,120

Mineral Iron Ores as Metallurgical Raw Material,
by P. Dumitrascu, M. Sipas.

ROMANIAN, per, Metalurgia si Constructia de Masini,
Vol XI, 1959, pp 928-933.

HB 4823

Sci - Min/Met

Sep 60

127,042

An Oscillating Coil for Measuring the Index of a
Magnetic Field, by L. Sipek, 4 pp.

RUSSIAN, per, Pribery; Tekh Eksp, No 1, 1960,
pp 74-77.

ISA

Sci

Mar 61

140,522

Sci
Sep 61

(NY-1374/42)

The Use of Atabrine and Encephalitis
Antiserum for Tick-Borne Encephalitis,
by I. G. Sipeyko

RUSSIAN, mo per, Voenno Med Zhur,
No 5, Moscow, May 1961, pp 45-46

170, 415 JPRS 10052

The 16 February Arges Hydroelectric Power Plant, by
Dimitrie Stancu, 6 pp.

UMANIAN, op, Schizeta, Vol 23, No 6090, 28 Nov 63, pp 1, 2.

JPRS 22539

E-Russia
CON
in 64

365, 378

(SP-1857)

The Moroeni Hydroelectric Station, by
Cristea Mateescu, Mircea Sipiceanu, 20 pp.

Rumanian
CROATIAN, per, Energetica, Vol VIII,
No 12, 1960, pp 547-555.

JPRS 13667

ERur - Rumania
Econ
May 62

193,530

Articles on the Practice of Collective
Bargaining in Finland, by Haikki Waris,
Arvo Sipila, V. Kanerva, 10 pp, UNCLASSIFIED

KINNEY *NP* *smk*
FINNISH, *per*, Kansamme Talous, 2 Feb 1955;
Jan 1955; Encls 1,2,3,4, to State Desp No 397,
Helsinki, 8 March 1955, CIA D-186101.

Dept of State

EEur - Finland
Economic -

22,975

Apr 55 CTS

Independent Pressure Rise in the Lesser Blood
Circulation (Essential Pulmonary Hypertension),
by W. Sipila, E. Taipale, P. E. Heikel,
et al, 3 pp.

FINNISH, per, Duodecim, Vol LXIX, 1953,
pp 631-643.

NIH 1-59-62

Sci - Med

186, 420

Mar 62

Pneumatic Type Mounted Crane of 40-ton Cap,
by Yu. B. Sipitiner.

RUSSIAN, per, Stroitel'noye i Dorozhnoye
Mashinostroyeniye, No 10, 1960, pp 12-13.

EROL Ft Belvo.
T-1276 - K-401

Sci - Engr

156, 850

Jun 61

(D3-5534)

To Speed Up Complex Mechanization in the Paper
Industry, by A. N. Sinko, 4 pp.

RUSSIAN, per, Torfyannaya Prom, No 3, 1961,
pp 17-18.

JPRS 13624

USSR
Room
May 62

193,597

J-980/64

Table of Contents of The USSR and the Arabian
Countries, 1917-1960, by V. Ya. Sipols, 21 pp.

RUSSIAN, bk, SSSR i Arabskiye Strany, 1917-1960,
1961, pp 837-855.

~~UPRS/SPECIAL/EF-3267~~

USSR
Pol, Soc
Jul 64

((NY-6913))

Biological (Pathomorphological) Characteristics
of Bone Homotransplants Preserved in Paraffin,
by P. V. Sipovskiy, 9 pp.

RUSSIAN, per, Vest Khirurgii Rossi
I. I. Orakova, Vol. ~~LXXV~~, No 12, 1961,
pp. 17-22.
LXXVI

JPRS 12727

MMR

Sci - Med
Mar 62

188,605

Statistical Data on Blood Disease in Leningrad
During 1952-1959, by P. V. Bipovskiy, N. L.
Kaishchuri, 6 pp.

RUSSIAN, per, Problemy Gematologii i Perelivaniya
Krovi, Vol V, No 6, 1960, pp 9-13.

PP

Sci

Jan 61

138, 919

The Application of Preparation from Blood Fibrin
in Experiments on Animals and in Surgical Practice,
by A. N. Filatov, P. V. Sipovskiy, 6 pp.
(ID 2018930)

RUSSIAN, bk, publ by Publ House of the Academy of
Medical Sci of the USSR, Moscow, 1952, pp 29-32.
CIA D 536646

ACS, I, 0-6366

Sci - Medicine

37,103

Aug 1956

Atypical Cases of Gastro-Intestinal Hemorrhages, by
Prof. T. V. Sipovskij, UNCLASSIFIED.

RUSSIAN, ^{mo}per, Klin Med, Vol XXII, No 4, April 1944.

Sci-
USSR - Med
n

Army/OSG Tr
SLA Tr R 1091
Dec 51 CTS
RT-657

A 11179

17
The Secretion of Uropepsin in Women in the
Third Trimester of Pregnancy, by L. Sipowicz, 6 pp.
POLISH, per, Ginekologia Polska, Vol XXXIV, No 4,
1968.

GTS 64-11409/3
PL-480

Sci - Biol & Med Sci
Jan 64

271,376

SIP, K.

Archiv Eisenhüttenwesen, vol. 15, 4 figures, 1 table,
1900 words; 1940

A New Structure Diagram for Cast Iron

Brutcher Trans. Order No. 1048 \$1.90

A11178

Sippel, A.
THE LAWS GOVERNING DEGRADATION OF
TEXTILE FIBERS BY ENERGY-RICH RADIATION
AND HEAT. [1961] 20p. 23 refs.
Order from SLA \$1.60

61-20647

Trans. of Melland Textilberichte (West Germany)
1957, v. 38 [no. 8] p. 898-904.
Another trans. is available from SLA mi\$2.70,
ph\$4.60 as 59-15744 [1959] 25p.

DESCRIPTORS: Textile industry, *Fibers, Tempera-
ture, *Radiation effects, *Light, *Thermal radiation,
*Synthetic fibers, *Textiles.

(Materials--Textiles, TT, v. 7, no. 1)

61-20647

1. Sippel, A.

184288

Office of Technical Services

Regularities in the Decomposition of Textile
Fibers by Energy-Rich Radiation and Heat, by A. Sippel,
25 p.

GERMAN, per, Melliand Textilberichte, 1957,
Vol XXXVIII, No 8, pp 898-904.

SLA 59-15744

Sci
Jan 60
Vol 2, No 8

105,521

About the Distribution of the Degree of
Polymerisation on Polycondensation: Attempt
to Interpret the Tumb's Equation, by A. Sippel,
B. Heim, 26pp
ENGLISH, per, Journal of Polymer Science,
Vol 54, 1961, pp 83-100
SLA TT6-65-10073

A. Sippel

Sci - Chem
June 67

328,956

How Can the Damaging Effect of Sunlight on
Textile Fibers Be Avoided, by A. Sippel, 10 pp.

GERMAN, per, Textil-Praxis, Vol X, 1955,
pp 220-223.

SLA 60-10871
SLA 57-1793

Sci

OTS, Vol III, No 6

Sep 60

126,916

Dependence of Tensile Strength of Filaments Upon $\frac{1}{2}$
Specimen Length. I. Theoretical Section, by A.
Sippel,

GERMAN, per, Faserforsch u Textiltech, Vol IX, No 5,
1958, pp 163-167.

ATS 172-GJ

Sci
Nov 59

100,392

Manufacture and Use of Stretched Acetate Rayon, by
A. Sippel, 6 pp.

GERMAN, per, Textil Praxis, Vol VII, No 8, 1952,
pp 574-576.

SLA TR 57-1793

S.L.A. Tr 660/1955

Sci - Chemistry
Apr 1957 CTS/dex

50, 275

Breaking Strength of Filaments as a Function of
Specimen Length. III. A New Characteristic and
Its Value for Different Types of Filaments, by
A. Sippel,

GERMAN, par. Faserforsch und Textiltechnik, Vol X,
No 8, 1959, pp 369-371.

ATG 353-GJ

HTS-184396

Sci - Chem

Aug 60

123,334

Sippel, A. and Heim, E.
CALCULATION OF DISTRIBUTION OF THE DEGREES
OF PARTIAL SUBSTITUTION OF MACROMOLECULES
(Substitutionsgradverteilung für die Partielle Substitu-
tion an Makromolekülen). [10 Apr 63] [14]p. 6 refs.
Order from SLA \$1.60 63-18367

Trans. of Kolloid-Zeitschrift und Zeitschrift für
Polymere (West Germany) 1962, v. 185, no. 2,
p. 97-102.

DESCRIPTORS: *Polymers, *Cellulose acetates,
Polymerization, *Substitution reactions, Statistical
distributions, Cellulose, *Acetylation, Reaction
kinetics.

(Chemistry--Physical, TT, v. 10, no. 11)

63-18367

I. Sippel, A.
II. Heim, E.

55338

Office of Technical Services

<p>Sippel, A</p> <p>THE INFLUENCES OF ELECTROSTATIC (CONDITIONED BY THE WEATHER) CHARGE ON THE PRODUCTION AND PROCESSING OF TEXTILE FIBERS. [1954] [8]p.</p> <p>Order from SLA mi\$1.80, ph\$1.80 61-14063</p> <p>Trans. of Textil-Praxis (West Germany) 1953, v. 8, no. 12, p. 1030-1033.</p> <p>(Materials--Textiles, TT, v. 5, no. 12)</p>	<p>61-14063</p> <ol style="list-style-type: none">1. Textiles--Electrical factors2. Electrostatic generation--Physical effects1. Sippel, A. <p>Office of Technical Services</p>
--	---

The Significance of the Degree of Polymerization in
Textile Fibers, by A. Sippel, 2 pp.

GERMAN, per, Rayon Zellwolle, Vol XXXI, Nov 1953,
pp 628, 629.

S.L.A. Tr 661/1955

Sci - Chemistry
Apr 1957 CTS/dex

50, 276

61-14020	
Sippel, A. THE QUESTION OF CELLULOSE MODIFICATIONS. [1961] 4p. (figs. omitted) 3 refs. Order from SLA mi\$1.80, ph\$1.80 61-14020	1. Cellulose--Molecular structure 1. Sippel, A.
Trans. of Kolloid-Zeitschrift (West Germany) 1950, v. 119, no. 1, p. 42-45.	
Office of Technical Services	
(Physics--Molecular, TT, v. 5, no. 12)	

Stippel, Arnulf.

DEPENDENCE OF THE TENSILE STRENGTH OF
FILAMENTS ON THEIR GAUGE LENGTH. IV. IN-
TERPRETATION OF THE CONSTANTS (Zur Abhängig-
keit der Relasfestigkeit von Fäden von der Einspann-
länge. IV. Zur Deutung der Konstanten). 31 Apr 62,
[6]p. 4 refs.

Order from SLA \$1.10

63-10809

Trans. of Faserforschung und Textiltechnik (Germany)
1960, v. 11, no. 5, p. 219-220.

DESCRIPTORS: *Fibers (Synthetic), Tensile properties,
Threads, Equations.

(Materials--Textiles, TT, v. 10, no. 2)

63-10809

- I. Title: Gauge length
1. Stippel, A.
- II. Title: Interpretation ...

Office of Technical Services

61-16779

Sippel, Arnulf.

THE PROCESS OF SPINNING IN THE PRODUCTION OF ARTIFICIAL FIBERS. II. EVOLUTION OF ORIENTATION AND MECHANICAL PROPERTIES OF A FIBER DURING THE PROCESS OF ITS FORMATION. [1961] 29p. (5 tables 6 figs. omitted) 15 refs. Order from SLA \$2.60 61-16779

Trans. of Z[e]ltschr[ift für] Elektrochem[ie] (West Germany) 1944, v. 50 [no. 11/12] p. 256-266.

DESCRIPTORS: *Synthetic fibers, Processing, Mechanical properties, Fibers.

The orientation of the molecules during spinning with solvent removal or cooling off, takes place mainly in the parts of the boundary surface lamella, which are the farthest away from the spinneret. (Author)

(Materials--Textiles, TT, v. 6, no. 4)

I. Sippel, A.

II. Title: Evolution...

Office of Technical Services

Flame Cleaning, by K. W. Sippell,

GERMAN, per, Mitt Befu, No 11, 1955

INSDOC-T1979

Sci

Apr 59

84,961

Transportation Problems in Ethiopia, by
Juraj Siprak, 16 pp.

RUSSIAN, per, Gradjevinar, Zagreb, pp 373-381,
Call No TA 4, G 73, Vol XIII, No 12.

AMS

NE/A - Ethiopia, Yugoslavia
Econ
30 Apr 62

194, 081

Investigations of the Secondary Radiation
Properties of Magnesium Orthotitanate, by G. A. Chuyko,
N. V. Sipurlov, 6 pp.

RUSSIAN, per, Radiotekh i Elektronika, No 3, 1963.

IEEE

Sci -
Dec 63

244,029

(NY-3000/24)

Stalinskiy Sovnarkhoz Plants Are Violating
GOSTs [State Standards], by L. A. Sipyagin, 6 pp.

RUSSIAN, per, Standardizatsiya, No 9, 1960,
pp 51, 52.

JPRS 7811

USSR

Econ

Mar 61

142,698

Synthesis of Cyclic and Linear Organosiloxanes with
Mixed Aliphatic Radicals at the Silicon Atom, by
K. A. Andrianov, M. A. Sipyagina, T. A. Ugarova,
5 PP.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 12,
1959, pp 4059-4062.

CB

Sci

Nov 60

133,243

Perfusion Technique for Recovery of Schistosoma
Mansoni From Experimentally Infected Guinea Pigs,
by J. Pellegrino, Astolfo F. Siqueira. 12 pp

SPANISH, per, Revista Brasileira de Malariologia e
Doencas Tropicais, Vol VIII, No 4, 1956, pp 589-597

81A 59-156901
p

Sci
Dec 59
Vol 2, No 5

103,576

THE CULTURAL DEBATE IN THE USSR: A MESSAGE TO
SOVIET ARTISTS FROM A MEXICAN COMMUNIST PAINTER,
BY DAVID ALFARO SIQUEIROS, 7 PP.

SPANISH, NP, DIENPHE, JUNE 1963, PP 32-34.

JPRS 20329

LA - MEXICO

POL

USSR

POL

JUL 63

237,509

Some Results of Studies of Infectious Diseases
of Natural Focal Occurrence in Western Oblast's
of the Ukraine in the Years of Soviet Power, by
A.I. Zavadovskiy, I.V. Seppi, K.M. Siniak, N.G.
Ezhova, 6 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol Immunobiol,
Vol XXXI, No 2, 1960, pp 61-65.

PP

135,058

Sci
Jan 61